WATER USE INTERNET SITES

From http://ga.water.usgs.gov/edu, follow the links to find the answers to the following questions. (Hint: The Water-Use Info, Water Q&A, and Activity Center links will be most helpful!) Use this activity as a scavenger hunt with the student finding all of the answers winning a prize.

- 1. What is the total amount of water (in gallons per day) used by your state?
- 2. How much water per day is used by your state for irrigation?
- 3. Approximately how much water does each person use at home per day?
- 4. Is more water used each day by taking showers, taking baths, or flushing toilets?
- 5. How many gallons of water per year does 1 leaky faucet in 1 home waste if it drips 5 times per minute?
- 6. If 500 homes in your community each have 1 leaky faucet that drips 3 times per minute, how much water is wasted per year?
- 7. What is most of the freshwater in the United States used for?
- 8. Which state uses the most water?
- 9. How much water does it take to make a hambur ger?



ANSWERS:

- 1. In South Dakota, 460 millions gallons of water is used per day. To find the information for other states connect to the Internet Site in on the question sheet, go to water use information, to data, to total water use, look for your state. The direct website is http://ga.water.usgs.gov/edu/tables/dlps.html
- 2. South Dakota uses 392 million gallons of water for irrigation. To find the information for other states, connect to the Internet Site in on the question sheet, follow the above direction, and select irrigation instead of total water use. The direct site again is http://ga.water.usgs.gov/edu/tables/dlir.html
- 3. 80 to 100 gallons per day
- 4. flushing toilets
- 5. 173 gallons per year
- 6. 5273 gallons per year
- 7. irrigation and thermoelectric
- 8. California
- 9. 1300 gallons